Google Scholar BETA

The **"AND"** operator is unnecessary -- we include all search terms by default. [details]

Scholar Results **1 - 10** of about **188** for <u>deformable</u> and <u>rendering</u> and <u>simulation</u> and <u>meshing</u> . (0.06 sec

Adapative Nonlinear Finite Elements for **Deformable** Body **Simulation** Using Dynamic Progressive Meshes

X Wu, MS Downes, T Goktekin, F Tendick - Eurographics, 2001 - blackwell-synergy.com
... Existing techniques of **deformable** modeling for real time **simulation** have either ... Adaptive **meshing** is necessary to provide sufficient detail where required ...
Cited by 68 - Web Search - itsa.ucsf.edu - caddlab.rad.unc.edu - robotics.eecs.berkeley.edu - all 6 versions »

Simulation of Instrument-Tissue Interactions and System Integration

C Basdogan - Medicine Meets Virtual Reality (MMVR2001) - network.ku.edu.tr
... Page 17. Key Components of a Haptic **Rendering** Algorithm F 1 F 2 ... Based **Deformable** Model Collision ... Page 22. **Simulation** of Catheter Insertion **Simulation** Set-Up Real ...
Cited by 2 - View as HTML - Web Search

Haptic **Simulation** of a Tool In Contact With a Nonlinear **Deformable** Body

M Mahvash, V Hayward - ... Symposium on Surgery **Simulation** and Soft Tissue Modelling, ..., 2003 - springerlink.com
... RTLinux-3. One thread provided for **rendering** the forces ... a pre-calculation solution for haptic **simulation** of con ... between a tool and a nonlinear **deformable** body. ...
Cited by 7 - Web Search - cim.mcgill.ca - cim.mcgill.ca

Development of Surgical Simulator based on FEM and **Deformable** Volume-**Rendering**

Y Masutani, Y Inoue, K Ishii, N Kumai, F Kimura, I ... - Medical Imaging 2004: Visualization, Image-Guided Procedures ..., 2004 - ut-radiology.umin.jp
... In our **deformable rendering**, volume gradient information is not ... In the viewpoint of **simulation** accuracy, more ... Tetrahedral **Meshing** For our preliminary study in ...
View as HTML - Web Search - ut-radiology.umin.jp - adsabs.harvard.edu - link.aip.org

Squashing Cubes: Automating **Deformable** Model Construction for Graphics

DL James, J Barbic, CD Twigg - Proc. of ACM SIGGRAPH Sketches and Applications, 2004 - graphics.cs.cmu.edu
... for **rendering**, and not **deformable** object simula- tion. Despite tools for volume (or surface) (re)**meshing** of geomet- ric models to support physical **simulation**, ...
Cited by 3 - View as HTML - Web Search - graphics.cs.cmu.edu

Static solution for real time **deformable** objects with fluid inside

IF Costa, R Balaniuk - ERCIM News, 2001 - ercim.org
... combined to obtain a full 3D **deformable** object. ... meshed to define the long elements; **Simulation** loop: solves ... **Rendering** loops: graphic and haptic loops enable the ...
Cited by 9 - Cached - Web Search

[PS] LEM- An approach for real time physically based soft tissue **simulation**

IF Costa, R Balaniuk - PROC IEEE INT CONF ROB AUTOM, 2001 - ucb.br
... of these forces in a **deformable** object is ... **rendering** clients interact with the **simulation** inform- ing ... This organization permits multi **rendering** and multi haptic ...
Cited by 8 - View as HTML - Web Search - inrialpes.fr - ieeexplore.ieee.org - csa.com - all 6 versions »